

Message

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Sent: 12/6/2019 12:35:36 PM
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Subject: South 4 Group - Reporting Period #9
Attachments: ATT00001.txt; TPC AIR MONITORING MAP - RP9_rev1.pdf; TPC ASPECT MAP - RP9.pdf; Air_Monitoring_RP9.xlsx

Good morning,

Please find the attached maps and data table for reporting period 9.

EPA conducted **handheld air monitoring** from December 5, 2019 at 06:00 to December 6, 2019 at 06:00 at 115 locations in the communities surrounding the TPC Group facility in Port Neches, Texas. The air monitoring results were reported below the screening level at all locations for particulates, total volatile organic compounds (VOCs) and 1,3-butadiene.

The **Airborne Spectral Photometric Environmental Collection Technology (ASPECT)** aircraft found no exceedances of the Texas comparison values on December 5, 2019. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the TPC Group facility in Port Neches, Texas. The screening level results from ASPECT were compared to the ASPECT list of Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs. Ethylene was detected at a concentration of 0.522 part per million (ppm) which is below the short-term AMCV of 500 ppm.

EPA conducted **surface water sampling** on December 5, 2019 at 6 sample locations. The surface water samples were collected along the Neches River and in canals to the southeast of the site and will be analyzed for per- and polyfluoroalkyl substances (PFAS), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total organic carbon (TOC), glycols, and oil and grease. The results from the sampling event will be compared to the TCEQ Surface Water Quality Standards (WQS), or to TCEQ Texas Risk Reduction Program surface water protective concentration levels (PCLs), if a WQS was not available for a chemical.

Thanks,



David Cook

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